

## Education

<b>University of California, San Diego</b> PhD in Computer Science Advisor: Michael Coblenz	2024—present
<b>University of California, Berkeley</b> MS in Computer Science Advisor: Sarah E. Chasins	2023—2024
<b>University of California, Berkeley</b> BA in Computer Science, minor in Data Science	2019—2023

## Peer-Reviewed Conference and Journal Publications

\* = equal contribution

<b>Theme Work on Teamwork: Mapping Student Teaming Experiences in Design Projects</b> Sara Beckman, Krina Patel, Qiuquan Gu, Shang Zhu, Alexander Cui, and <u>Jacob Yim</u> In <i>2024 IEEE Frontiers in Education Conference (FIE)</i>	FIE 2024
<b>Equivalence by Canonicalization for Synthesis-Backed Refactoring</b> Justin Lubin, Jeremy Ferguson*, Kevin Ye*, <u>Jacob Yim</u> *, and Sarah E. Chasins In <i>Proceedings of the ACM on Programming Languages (PACMPL), Issue PLDI</i> .	PLDI 2024

## Posters and Workshop Publications

\* = equal contribution

<b>Supporting Mastery Learning with Flexible Extensions</b> Yuerou Tang*, <u>Jacob Yim</u> *, Jordan Schwartz, Madison Bohannon, Dana Benedicto, Charisse Liu, Armando Fox, Lisa Yan, and Narges Norouzi Poster in <i>Proceedings of the ACM Technical Symposium on Computer Science Education</i>	SIGCSE TS 2024
<b>Automated Support for Flexible Extensions</b> Jordan Schwartz, Madison Bohannon, <u>Jacob Yim</u> , Yuerou Tang, Dana Benedicto, Charisse Liu, Armando Fox, Lisa Yan, and Narges Norouzi Poster in <i>Proceedings of the ACM Technical Symposium on Computer Science Education</i>	SIGCSE TS 2024
<b>Searching for Incidental Specifications</b> Jeremy Ferguson*, Kevin Ye*, <u>Jacob Yim</u> *, and Justin Lubin In <i>Proceedings of the Workshop on Evaluation and Usability of Programming Languages and Tools</i>	PLATEAU 2023

## Teaching

<b>Data 100: Principles and Techniques of Data Science</b> (at UC Berkeley) Lead Teaching Assistant: Summer 2024 Teaching Assistant: Summer 2022, Fall 2023, Spring 2023 Tutor: Fall 2021, Spring 2022
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## Mentorship

Laila Walker (undergrad @ UC Berkeley, co-mentored with Justin Lubin. Now PhD student at UW)	2024—2025
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## Honors and Awards

<b>UC Berkeley Outstanding Graduate Student Instructor Award</b>	2024
<b>Upsilon Pi Epsilon</b>	2021
<b>UC Berkeley Regents' and Chancellor's Scholarship</b>	2019

**Professional Experience**

<b>Amazon Web Services</b> – Software Development Engineer Intern	Summer 2023
<b>Amazon Web Services</b> – Software Development Engineer Intern	Summer 2022
<b>Nirmata</b> – Software Engineering Intern	Summer 2021

**External Service**

<b>Student Volunteer</b> – SPLASH 2024	2024
<b>Student Volunteer</b> – SPLASH 2023	2023

**Community Service**

<b>Berkeley Engineers and Mentors</b> – Director of Curriculum	2020—2024
Taught weekly science lessons to K-8 students at Bay Area schools. Headed Curriculum team to write lessons.	